SONY
make.believe

EDM4800
5.25” Magneto-Optical Disc of 4,836MB. Rewritable version.

- **Outstanding storage solution for sophisticated multimedia and network applications (such as desktop publishing, medical diagnostics and financial records).**
- **High-speed random access : suitable for large-scale libraries and jukeboxes.**
- **Easy to handle and removable.**
- **Ultra reliability and durability : over 100,000 load/unload cycles per side without quality loss and 50-year archival life. Resistance to dust and scratches thanks to hard-coating and anti-static disc surface and strong shelter.**
- **Fully backward compatible.**

Technical Specifications

Environmental Requirements	
Absolute Humidity (g/m3)	1~30
Operating Humidity (% RH)	3~85
Operating Temperatures (degrees C)	5~55
Operating Temperatures (degrees F)	41~131
Storage Humidity (% RH)	3~90
Storage Temperatures (degrees C)	-10~55
Storage Temperatures (degrees F)	14~131

Format	
Logical tracks	138915.0
Physical tracks	37485.0
Sector Size (Bytes/sector)	1024.0
Track Pitch (µm)	0.85
User Area (radius) (mm)	30.14~62.00

Mechanical Characteristics	
Cartridge Width (mm)	153.0
Cartridge Height (mm)	135.0
Cartridge Depth (mm)	11.0
Weight total (g)	165.0

Read/Write Characteristics	
Raw Byte Error Rate	minor or equals to 0,000000000001

Recording Capacity	
Unformatted (MB/side)	4836.0

Reliability (Acceleration Test Results)	
Erase/Write/Read Cycle	bigger or equals to 1 million
Load/Unload Cycle	bigger or equals to 100 000
Read Cycle	bigger or equals to 10 millions